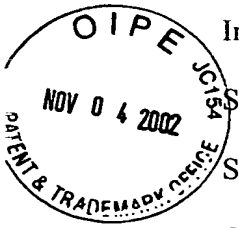


#1/B  
11/18/02  
G119d

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of

SUOLAHTI, YRJO

Serial No. 09/783,982

Filed: February 16, 2001

For: WRAPPING APPARATUS

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Group Art Unit: 3721

Examiner: P. Durand

AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

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NOV - 6 2002

TECHNOLOGY CENTER R3700

TO 3700 MAIL ROOM

OCT - 6 2002

RECEIVED

Dear Sir:

In response to the August 8, 2002 Office Action, the following amendments and remarks are submitted:

IN THE SPECIFICATION:

Page 1, paragraph 1, please amend to read as follows:

BACKGROUND OF THE INVENTION

Field of the Invention

The present invention relates to a wrapping apparatus. More particularly, the present invention relates to a wrapping apparatus for winding a wrapping film about an article to be wrapped.

Description of the Related Art

Page 2, second paragraph, please amend to read as follows:

To eliminate the variation of tension, prior-art apparatus use a sensor connected to the pendulum roller to detect the degree of film tension. The film tension detected by the sensor is used as a basis to control the speed of rotation of either the motor driving the film roll, as in European Patent No. EP 0 936 141 A1, the motor driving the posterior pre-stretching roller as seen in the direction of film motion, as in US Patent No. 5,123,230A, or the drive motor of some other roller used to draw the film from the film roll, as in Patent No. WO 93/24373.

B<sup>2</sup>  
These arrangements are designed to eliminate the variation in film tension resulting from the angular shape of the article to be wrapped and to achieve a constant film tension.

B<sup>3</sup>  
Page 2, before the fourth paragraph, please insert the following:

SUMMARY OF THE INVENTION

Page 3, please delete the second full paragraph in its entirety.

B<sup>4</sup>  
Page 4, before the second full paragraph, please insert the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Page 4, paragraph 4, please amend to read as follows:

B<sup>5</sup>  
Fig. 1 presents a diagrammatic side view of an embodiment of the wrapping apparatus in accordance with the present invention,

Page 5, please insert before the first full paragraph:

B<sup>6</sup>  
DETAILED DESCRIPTION

IN THE ABSTRACT

Please amend the Abstract to read as follows:

B<sup>7</sup>  
A wrapping apparatus, in which the supporting elements supporting a film roll are mounted on the frame of a film dispenser with bearings permitting free rotation so that the film roll supported by them is freely rotatable. The pre-stretching rollers are mutually engaged via a transmission and are likewise mounted on the frame with bearings permitting free rotation. A pendulum roller in the film dispenser and the spring force of a spring applying a load on it have been so adapted that the pendulum roller forms between the second pre-stretching roller and the deflecting roller a bend that functions as a film supply containing a varying amount of film, depending on the prevailing draw of the film to keep the drawing velocity and tension of the film substantially constant at the pre-stretching rollers regardless of the variation in the draw and velocity of the film that is caused by the shape of the article being wrapped.